

JAN 17 2006

Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Do not collect any information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete If Known</p>	
Sheet	1	of	4	Application Number	
				Filing Date	28 January 2004 (Herewith)
				First Named Inventor	Frederick A. Ware
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	RBUS 1310-1

U.S. PATENT DOCUMENTS

Examiner Initials*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Cite No. ¹	Number			
A1	4,384,354		Crawford et al.	05/17/1983	
A2	5,122,978		Merrill	06/16/1992	
A3	5,436,908		Fluker et al.	07/25/1995	
A4	5,859,881		Ferraiolo et al.	01/12/1999	
A5	6,047,346		Lau et al.	04/04/2000	
A6	6,219,384		Kliza et al.	04/17/2001	
A7	6,282,210		Rapport et al.	08/28/2001	
A8	6,359,931		Perino et al.	03/19/2002	
A9	6,396,329		Zerbe	05/28/2002	
A10	6,442,644		Gustavson et al.	08/27/2002	
A11	6,448,815		Talbot et al.	09/10/2002	
A12	6,463,392		Nygaard et al.	10/08/2002	
A13	6,469,555		Lau et al.	10/22/2002	
A14	6,473,439		Zerbe et al.	10/29/2002	
A15	6,510,503		Gillingham et al.	01/21/2003	
A16	6,539,072		Donnelly et al.	03/25/2003	
A17	6,556,934		Higashide	04/29/2003	
A18	6,643,787		Zerbe et al.	11/04/2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Data of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Type
		Office ³	Number ⁴				
	B1						
	B2						
	B3						
	B4						
	B5						
	B6						
	B7						
	B8						
	B9						
	B10						

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**

Application No. 10/766,765

RBUS 1310-1

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile
 transmitted to United States Patent and Trademark Office at Fax No. (571) 273-8300 on 17 January 2006.

Kathryn Marley
 Kathryn Marley

RECEIVED
CENTRAL FAX CENTER

JAN 17 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of inventor(s):

Frederick Ware et al.

Application No. 10/766,765

Confirmation No. 3680

Filing Date: 28 January 2004

Title: Communication Channel Calibration
for Drift Conditions

Group Art Unit: 2637

Examiner: Khai Tran

CUSTOMER NO. 38342**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO-SB/08. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. The exception to this, in accordance with the 05 August 2003 Official Gazette Notice in which the USPTO waives the requirement for submitting copies of U.S. Patent and Publications for cases filed after 30 June 2003, is that copies of U.S. Patent documents and copies of U.S. Patent publications are not being submitted.

This statement should be considered under 37 C.F.R. 1.97(c) because it is being filed before the mailing date of a FINAL office action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first, AND it is accompanied by the \$180 fee set forth in 37 C.F.R. 1.17(p).

01/18/2006 TL0111 00000001 10766765

01 FC:1806 180.00 0P

Application No. 10/766,765

RBUS 1310-1

Fee Authorization. The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (RBUS 1310-1). A copy of this authorization is enclosed.

Respectfully submitted,

HAYNES BEFFEL & WOLFELD LLP

Date: 17 Jan 06

By: Mark

Mark A. Haynes, Reg. No. 30,846

RAMBUS c/o HAYNES BEFFEL & WOLFELD LLP
P.O. Box 366
Half Moon Bay, CA 94019
Telephone: (650) 712-0340
Facsimile: (650) 712-0263

Jan 17. 2006 8:45AM Haynes Belfel & Wolfeld LLP

RECEIVED
CENTRAL FAX CENTER NO. 1671 P. 23

JAN 17 2006

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCEPlease type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	1	of	2	Application Number	10/766,765
				Filing Date	28 January 2004
				First Named Inventor	Frederick A. Ware et al.
				Group Art Unit	2637
				Examiner Name	Khai Tran
				Attorney Docket Number	RBUS 1310-1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Kind Code ² (if known)					
	A1	5,111,208	Lopez	05-05-1992	
	A2	6,173,345	Stevens	01-09-2001	
	A3	6,434,081	Johnson et al.	08-13-2002	
	A4	6,484,232	Olarig et al.	11-19-2002	
	A5	6,560,716	Gasparik et al.	05-06-2003	
	A6	6,606,576	Sessions	08-12-2003	
	A7	6,662,305	Salmon et al.	12-09-2003	
	A8	6,889,357	Keetb et al.	05-03-2005	
	A9	2003/0026399	Carlson	02-06-2003	
	A10	2004/0217881	Pedyash et al.	11-04-2004	
	A11				
	A12				
	A13				
	A14				
	A15				
	A16				
	A17				
	A18				
	A19				
	A20				

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Kind Code ² (if known)					
	B1				
	B2				
	B3				
	B4				
	B5				
	B6				
	B7				
	B8				
	B9				
	B10				

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation designation number. ³See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/088 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/766,765
		Filing Date	28 January 2004
		First Named Inventor	Frederick A. Ware et al.
		Group Art Unit	2637
		Examiner Name	Khai Tran
Sheet	2	of	2
		Attorney Docket Number	RBUS 1310-1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered
-----------------------	--	--------------------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231